

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Previously presented) A method of disposing an activation device on a carotid sinus of a patient, the carotid sinus having a circumference, the method comprising the steps of:

providing an activation device having a base and a plurality of electrodes; and
positioning the device proximate the carotid sinus such that the base extends around at least a substantial portion of the circumference of the carotid sinus and the electrodes extend around the carotid sinus less than the base.
2. (Original) A method as in claim 1, wherein the step of positioning the device comprises wrapping the base around the carotid sinus.
3. (Original) A method as in claim 2, wherein the base is wrapped in a circular manner.
6. (Original) A method as in claim 1, wherein the patient has an internal carotid artery and an external carotid artery, and wherein the step of positioning the device proximate the carotid sinus comprises wrapping the base around the internal and external carotid arteries adjacent the carotid sinus.
7. (Original) A method as in claim 1, wherein the patient has a common carotid artery, and wherein the step of positioning the device proximate the carotid sinus comprises wrapping the base around the common carotid artery adjacent the carotid sinus.
8. (Original) A method as in claim 1, wherein more than two electrodes are positioned proximate the carotid sinus.
9. (Original) A method as in claim 8, wherein the electrodes are spaced about at least a portion of the circumference of the carotid sinus.

11. (Original) A method as in claim 9, wherein the electrodes comprise elongate electrodes which extend adjacent to and parallel with each other about at least a portion of the circumference of the carotid sinus.

NO 12 →

13. (Original) A method as in claim 11, wherein the carotid sinus has a longitudinal axis, and wherein the electrodes are positioned substantially orthogonal to the longitudinal axis.

NO 14 →

15. (Original) A method as in claim 1, wherein the electrodes extend around less than 270° of the circumference of the carotid sinus.

16. (Original) A method as in claim 1, wherein the electrodes extend around less than 180° of the circumference of the carotid sinus.

17. (Original) A method as in claim 1, wherein the electrodes extend around less than 90° of the circumference of the carotid sinus.

18. (Original) A method as in claim 1, wherein the base has first and second ends, and wherein the base extends around the carotid sinus and the ends are joined.

19. (Original) A method as in claim 1, wherein the base has first and second ends, and wherein the ends of the base extend around at least half of the circumference of the carotid sinus and the base has sufficient structural integrity to grasp the carotid sinus.

20. (Previously presented) A method of disposing an activation device on a carotid sinus of a patient, the carotid sinus having a circumference, the method comprising the steps of:

providing an activation device having a base and a plurality of electrodes; and
positioning the device proximate the carotid sinus such that the electrodes are spaced about at least a portion of the circumference of the carotid sinus.

21. (Original) A method as in claim 20, wherein more than two electrodes are spaced about at least a portion of the circumference of the carotid sinus.

NO 22 →

23. (Original) A method as in claim 20, wherein the electrodes comprise elongate electrodes which extend adjacent to and parallel with each other about at least a portion of the circumference of the carotid sinus.

NO 24 →

25. (Original) A method as in claim 23, wherein the carotid sinus has a longitudinal axis, and wherein the electrodes are positioned substantially orthogonal to the longitudinal axis.

NO 26 →

27. (Original) A method as in claim 20, wherein the electrodes extend around less than 360° of the circumference of the carotid sinus.

28. (Original) A method as in claim 20, wherein the electrodes extend around less than 270° of the circumference of the carotid sinus.

29. (Original) A method as in claim 20, wherein the electrodes extend around less than 180° of the circumference of the carotid sinus.

30. (Original) A method as in claim 20, wherein the electrodes extend around less than 90° of the circumference of the carotid sinus.

Claims 31-46 (canceled).

47. (Previously presented) A method of disposing an activation device on a carotid sinus vascular wall of a patient, the carotid sinus vascular wall, the method comprising the steps of:

providing an activation device having a base and a plurality of electrodes;
positioning the device proximate the carotid sinus; and
suturing the base to the vascular wall.